



**Secondary Education Degree Course Requirements
MATHEMATICS**

Liberal Arts & Sciences Core

Course Name/Number	Credits
ACS 1000 Augustinian Culture Seminar	3
ACS 1001 Augustinian Culture Seminar	3
Intermediate Language I	3
Intermediate Language II	3
ENG 1975 Core Literature and Writing Seminar	3
THL 1000 Faith, Reason and Culture	3
THL 2000+ Advanced Theology	3
PHI 1000 Knowledge, Reality and Self	3
ETH 2050 The Good Life	3
Fine Arts	3
Core History	3
Science I Ast, Bio, Chem, or Phys w/ Lab	4
Science II Continuation of Previous Science	4
1 st Elective Course	3
2 nd Elective Course	3
3 rd Elective Course	3

Professional Education Courses

Course Name/Number	Credits
EDU 2201 or EDU 2202 Social Foundations of Education	3
EDU 2300 Research Seminar	3
EDU 3000 Professional Development in Education	1
EDU 3251 Psych of Teaching and Learning	3
EDU 3263 Diversity & Inclusion	3
EDU 3264 Intro to Disability Studies	3
EDU 4245 Literacy & English Language Learners	3
EDU 4283 Methods of Teaching Math	3
EDU 4290 Philosophy of Education	3
EDU 4291 Student Teaching	9
EDU 4292 Seminar	3
ENG Advanced Elective	3

**Turn Over for Concentration
Requirements**

Secondary Education Degree Course Requirements Mathematics

Mathematics Courses for Certification

Course Name/Number	Credits
MAT 1500 Calculus I	4
MAT 1505 Calculus II	4
MAT 2500 Calculus III	4
MAT 2600 Foundations	3
MAT 2705 Differential Equations & Linear Algebra	4
MAT 3300 Advanced Calculus	3
MAT 3400 Linear Algebra	3
MAT 3500 Modern Algebra	3
MAT 3930 History of Math	3
MAT 4310 Statistical Methods	3
MAT 5110 Topics in Geometry	3

Additional Courses Required for Double Major (13 Credits*)

Course Name/Number	Credits
Upper Level Analysis Course	3
MAT 3000+ Elective Course	3
CSC 1051 Algorithms & Data Structures I or another Science course w/ lab	4
MAT 5900 Seminar in Mathematics	3

*If these courses are taken, you will not need the 9 credits of additional electives within the liberal arts core

Individuals seeking Instructional I certification in Pennsylvania must pass the state required Praxis examinations.

Required tests:

- PAPA – May not be needed if SAT/ACT scores meet required cut off scores. Must be taken before junior year.
- Mathematics 7-12 Praxis Test 5161

<https://www.ets.org/praxis/pa/requirements/>

8/2018